

Serial No. 10/658,030 Docket No. 30101.108

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DECLARATION OF CLIFFORD D. WESTON

- I, Clifford D. Weston, make the following statements based on personal knowledge thereof:
- 1. I am employed by Microban Products Company ("MPC"), assignee of all rights in U.S. Serial No. 10/658,030.
- 2. On 29 APR 2006, I performed an Internet search for sources regarding common diameters and other structural characteristics of garden hoses.
- 3. I caused to be printed six (6) pages from my search results, true and accurate copies of which are attached as Exhibit A.
- 4. I make these statements freely and in consideration of the requirements of 18 USC § 1001 *et seq*.

Clifford D. Weston

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DECLARATION OF DUANE T. CENTOLA

I, Duane T. Centola, make the following statements based on personal knowledge thereof:

- 1. I am employed by Microban Products Company ("MPC"), assignee of all rights in U.S. Serial No. 10/658,030.
- 2. For several months ending on or about 31 JUL 2002, I undertook and managed a long-term durability and efficacy study of an antimicrobial hose.
- 3. The test hose was constructed with a virgin grade flexible polyvinylchloride (PVC) interior tube, co-extruded with a high molecular weight (pipe grade) PVC exterior for rigid reinforcement. Additional structural reinforcement was provided with textile spiral wound polyester yarn. The flexible PVC interior tube had incorporated therein Microban Additive "B", which contains triclosan. The final concentration of triclosan in the PVC interior tube was about 1000ppm.
- 4. The test protocol used continuous water flow through the sample hoses for 1825 hours (i.e., 76 days), designed to simulate usage of the antimicrobial hose for one (1) hour daily over a five (5) year period. Water temperature was elevated to 42°C (+/- 2°C).
- 5. Samples were taken from the test hose at 0, 243, 578, 910, 1242, 1580 and 1836 hours and tested for, among other things, triclosan concentration.
- 6. It was observed that the concentration of triclosan in the PVC interior tube was approximately 896ppm, standard deviation = 64ppm throughout the study. There was no statistically significant loss of triclosan from the PVC interior tube as measured at any time point during the 76-day test, nor was there any downward trend in concentration data points over time period of the study.

7. I make these statements freely and in respect of the requirements of 18 USC § 1001 *et seq.*

Duane T. Centola

Senior Scientist

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